



ELSEVIER

## Molecular Cell Research

Vol. 1312, 1996

**BBA**  
 Biochimica  
 et Biophysica Acta

## Cumulative Contents

## Regular section

## Information for Contributors

## Regular papers

- Complete inhibition of poly(ADP-ribose) polymerase activity prevents the recovery of C3H10T1/2 cells from oxidative stress  
*G.M. Shah, D. Poirier, S. Desnoyers, S. Saint-Martin, J.-C. Hoflack, P. Rong, M. ApSimon, J.B. Kirkland and G.G. Poirier (Canada)* 1
- Induction of murine erythroleukemia cell differentiation is associated with methylation and differential stability of poly(A)<sup>+</sup> RNA transcripts  
*I.S. Vizirianakis and A.S. Tsiftoglou (Greece)* 8
- Neuronal differentiation of embryonic stem cells  
*W.G. Van Inzen, M.P. Peppelenbosch, M.W.M. Van den Brand, L.G.J. Tertoolen and S.W. De Laat (The Netherlands)* 21
- Serum-starvation induces the extracellular appearance of FGF-1  
*J.T. Shin, S.R. Opalenik, J.N. Wehby, V.K. Mahesh, A. Jackson, F. Tarantini, T. Maciag and J.A. Thompson (USA)* 27
- Topological organization of the cytosolic activating complex of the superoxide-generating NADPH-oxidase. Pinpointing the sites of interaction between p47phox, p67phox and p40phox using the two-hybrid system  
*A. Fuchs, M.-C. Dagher, J. Fauré and P.V. Vignais (France)* 39
- Evidence for a link between translocation and processing during protein import into soybean mitochondria  
*J. Whelan, M.R. Tanudji, M.K. Smith and D.A. Day (Australia)* 48
- Evidence for coordinated regulation of osteoblast function by 1,25-dihydroxyvitamin D<sub>3</sub> and parathyroid hormone  
*J.P.T.M. Van Leeuwen, J.C. Birkenhäger, G.C.M. Van den Bemd and H.A.P. Pols (The Netherlands)* 55

## Subsection

## Short sequence-paper

- cDNA cloning and characterization of rat Clk3, a LAMMER kinase predominately expressed in testis  
*W. Becker, H. Kentrup, J. Heukelbach and H.-G. Joost (Germany)* 63

## Regular papers

- Pioglitazone attenuates the inhibitory effect of phorbol ester on epidermal growth factor receptor autophosphorylation and tyrosine kinase activity  
*Y. Takata, T. Imamura, G.H. Yang, Y. Takada, T. Sawa, H. Morioka and M. Kobayashi (Japan)* 68
- Kinetics and specificity of human B-cell glucokinase: relevance to hexose-induced insulin release  
*A. Sener and W.J. Malaisse (Belgium)* 73

## Regular section

## Regular papers

- Calcium efflux mechanism in sperm mitochondria  
*H. Breitbart, S. Rubinstein and M. Gruberger (Israel)* 79
- Identification of sites on epidermal growth factor receptors which are phosphorylated by pp60<sup>src</sup> in vitro  
*J.D. Wright, C.W.M. Reuter and M.J. Weber (USA)* 85
- Highly-expressed S100A3, a calcium-binding protein, in human hair cuticle  
*K. Kizawa, H. Uchiwa and U. Murakami (Japan)* 94
- Expression of cytidine deaminase in human solid tumors and its regulation by 1 $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub>  
*S.-I. Watanabe and T. Uchida (Japan)* 99
- Gastric chief cells possess NK<sub>1</sub> receptors which mediate pepsinogen secretion and are regulated by agents that increase cAMP and phospholipase C  
*Y. Kitsukawa, R.J. Turner, T.K. Pradhan and R.T. Jensen (USA)* 105

Type II transglutaminase expression in rabbit articular chondrocytes in culture: relation with cell differentiation, cell growth, cell adhesion and cell apoptosis <i>L. Borge, S. Demignot and M. Adolphe (France)</i>	117	Human immunodeficiency virus type-1 (HIV-1) infection increases the sensitivity of macrophages and THP-1 cells to cytotoxicity by cationic liposomes <i>K. Konopka, E. Pretzer, P.L. Felgner and N. Düzgüneş (USA)</i>	186
Alteration of glutathione transferase subunits composition in the liver of young and aged rats submitted to hypoxic and hyperoxic conditions <i>C. Di Ilio, S. Angelucci, T. Bucciarelli, A. Pennelli, R. Petruzzelli, C. Di Giulio, M. Miranda, F. Amicarelli and P. Sacchetta (Italy)</i>	125	Biological activity of 26-succinylbryostatin 1 <i>G.S. Bignami, F. Wagner, P.G. Grothaus, P. Rustagi, D.E. Davis and A.S. Kraft (USA)</i>	197
Glucagon-like peptide-1(7-36)amide enhances insulin-stimulated glucose uptake and decreases intracellular cAMP content in isolated rat adipocytes <i>H. Miki, M. Namba, T. Nishimura, I. Mineo, T. Matsumura, J.-i. Miyagawa, H. Nakajima, M. Kuwajima, T. Hanafusa and Y. Matsuzawa (Japan)</i>	132	Controlled overexpression of selected domains of the P85 subunit of phosphatidylinositol 3-kinase reverts v-Ha-Ras transformation <i>Q.-X. Zhang, I.D. Davis and G.S. Baldwin (Australia)</i>	207
Biphasic modulation of cell growth by recombinant human galectin-1 <i>L. Adams, G.K. Scott and C.S. Weinberg (New Zealand)</i>	137	The plasma membrane NADH-diaphorase is active during selective phases of the cell cycle in mouse neuroblastoma cell line NB41A3. Its relation to cell growth and differentiation <i>R. Zurbriggen and J.-L. Dreyer (Switzerland)</i>	215
Diadenosine polyphosphates regulate cytosolic calcium in human fibroblast cells by interaction with P <sub>2x</sub> purinoceptors coupled to phospholipase C <i>M. Tepel, S. Löwe, J.-R. Nofer, G. Assmann, H. Schlüter and W. Zidek (Germany)</i>	145	Phenylarsine oxide and vanadate: apparent paradox of inhibition of protein phosphotyrosine phosphatases in rat adipocytes <i>J. Li, G. Elberg and Y. Shechter (Israel)</i>	223
Potentiation of the intracellular Ca <sup>2+</sup> response to arginine vasopressin by increased cytosolic-free Mg <sup>2+</sup> in rat vascular smooth muscle cells <i>M. Yoshimura, T. Oshima, H. Matsuura, T. Ishida, M. Kambe and G. Kajiyama (Japan)</i>	151	Expression of the human RAD51 gene during the cell cycle in primary human peripheral blood lymphocytes <i>J. Flygare, F. Benson and D. Hellgren (Sweden, UK)</i>	231
		Measurement of endosome pH following folate receptor-mediated endocytosis <i>R.J. Lee, S. Wang and P.S. Low (USA)</i>	237
<b>Subsection</b>		<b>Subsection</b>	
Localization of mRNA for the muscarinic M1 receptor in rat stomach <i>K.G. Helander, K. Bamberg, G. Sachs, D. Melle and H.F. Helander (USA, Sweden)</i>	158	Structure and expression of the promoter for the R4/ALK5 human type I transforming growth factor- $\beta$ receptor: regulation by TGF- $\beta$ <i>B.B. Bloom, D.E. Humphries, P.-P. Kuang, A. Fine and R.H. Goldstein (USA)</i>	243
Alterations in macrophage G proteins are associated with endotoxin tolerance <i>M. Makhlouf, S.H. Ashton, J. Hildebrandt, N. Mehta, T.W. Gettys, P.V. Halushka and J.A. Cook (USA)</i>	163	Characterization of adenylyl cyclase stimulated by VIP in rat and mouse peritoneal macrophage membranes <i>D. Pozo, J.J. Segura, I. Carrero, L.G. Guijarro, J.C. Prieto and J.R. Calvo (Spain)</i>	249
Phosphatase 2A regulates the responsiveness of olfactory cilia <i>C. Kroner, I. Boekhoff and H. Breer (Germany)</i>	169	Phorbol ester-induced shedding of intercellular adhesion molecule-1 (ICAM-1) on erythroleukemic K 562 cells <i>S. Fritz, F. Striggow, D. Reinhold, T. Schlüter, P. Schönhofeld, S. Ansorge and R. Bohnensack (Germany)</i>	255
<b>Regular section</b>		<b>Cumulative Contents, Vol. 1312</b>	263
<b>Information for Contributors</b>	v	<b>Author Index</b>	265
Structural requirements for intracellular transport of pulmonary surfactant protein B (SP-B) <i>S. Lin, K.S. Phillips, M.R. Wilder and T.E. Weaver (USA)</i>	177		

